

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Spring 2013 Levee Inspection Results

City of Sacramento

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)				

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

*
SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2013 Levee Inspection Results

City of Sacramento

Waterway			Bank	Unit Miles
Unit No. 01 City of Sacramento			Left	3.63
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	-			
DWR Inspector	John Williamson			
Accompanied By	Doug Henery City of Sacramento			
	Jeff Chase City of Sacramento			
	William Roberts City of Sacramento			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

City of Sacramento

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 City of Sacramento				Left	3.63		John Williamson

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	
1				Operations & Maintenance Manuals	CR	A				20
						Ma				
DWR ID: DWR_NA0005_01_s_2013_20										
2				Emergency Supplies & Equipment	CR	A				22
						Ma				
DWR ID: DWR_NA0005_01_s_2013_22										
3				Flood Preparedness & Training	CR	A				23
						Ma				
DWR ID: DWR_NA0005_01_s_2013_23										
4	0.14	0.14		Encroachments	WSA/W	BU : Building	Inspector Comments: Fenced area around State (DWR) recorder can.	38.588715 °	38.588715 °	1
					En			-121.504885 °	-121.504885 °	Y
DWR ID: DWR_NA0005_01_s_2012_1										
5	0.22	0.22		Encroachments	WSA/W	BU : Building	Inspector Comments: Historical building.	38.587592 °	38.587592 °	2
					En			-121.504892 °	-121.504892 °	Y
DWR ID: DWR_NA0005_01_s_2012_2										
6	0.37	0.73		Encroachments	CRA/W	BU : Building	Inspector Comments: This is the Old Sacramento flood wall. This part is a walking inspection.	38.585525 °	38.580445 °	14
					En			-121.505338 °	-121.506966 °	Y
DWR ID: DWR_NA0005_01_s_2012_14										
7	0.78	0.78		Encroachments	CRA/W	BU : Building	Inspector Comments: Embassy Suites	38.579712 °	38.579712 °	4
					En			-121.507347 °	-121.507347 °	Y
DWR ID: DWR_NA0005_01_s_2012_4										
8	1.32	1.39	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 2008 - Oversized levee, should be repaired under maintenance. 2009 - Shallow slumps at the mid bank. 2010 - Some minor erosion at the toe, likely from wave wash. Some new shallow slumps. 2011 - One new tree has fallen. 2012: No observed change. [2012 Site ID: SAC_58-5_L]	38.573069 °	38.572277 °	11
						Ma		-121.512166 °	-121.513063 °	Y
DWR ID: DWR_NA0005_01_s_2013_11										
9	1.35	1.35		Encroachments	CRA/W	EQ : Equipment	Inspector Comments: The two box cars have now replace the sheds. Since the last inspection two more box cars have been added. The total is four now.	38.572587 °	38.572587 °	3
					Ma			-121.512383 °	-121.512383 °	Y
DWR ID: DWR_NA0005_01_s_2012_3										
10	1.41	1.41		Encroachments	WSA/W	PI : Pipe		38.572008 °	38.572008 °	5
					Ma			-121.513017 °	-121.513017 °	Y
DWR ID: DWR_NA0005_01_s_2012_5										
11	1.41	1.41		Erosion / Bank Caving	LS	M	E1 : Note and monitor erosion site. Inspector Comments: Area on landside easement has settled around what appears to be pipe	38.571945 °	38.571945 °	15
						Ma		-121.513092 °	-121.513092 °	Y
DWR ID: DWR_NA0005_01_s_2013_15										

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 City of Sacramento	Left	3.63		John Williamson

LMR No.	Levee Mile		Category	Item	Location * + Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End					Start	End	
12	1.46	1.46		Encroachments	CRA/W Ma	EQ : Equipment Inspector Comments: The trains have been moved upstream to this new location.	38.571477 ° -121.513744 °	38.571477 ° -121.513744 °	9 Y
DWR ID: DWR_NA0005_01_s_2012_9									
13	1.73	1.96		Encroachments	CRA/W Ma	EQ : Equipment Inspector Comments: Levee is oversized with railroad tracks and paved parking. This area is Miller Park.	38.568172 ° -121.516042 °	38.564882 ° -121.516265 °	6 Y
DWR ID: DWR_NA0005_01_s_2012_6									
14	1.75	1.75		Encroachments	CRA/W Ma	PI : Pipe	38.567821 ° -121.516091 °	38.567821 ° -121.516091 °	144 Y
DWR ID: DWR_NA0005_01_s_2012_144									
15	1.96	2.34		Encroachments	CRA/W Ma	EQ : Equipment Inspector Comments: Railroad tracks run on crown of levee, paved roadway runs along toe on waterside. This is Miller Park Marina area.	38.564900 ° -121.516253 °	38.559460 ° -121.515085 °	7 Y
DWR ID: DWR_NA0005_01_s_2012_7									
16	2.04	2.04		Encroachments	CRA/W Ma	PI : Pipe Inspector Comments: The pipe has been repaired by the LMA. The pipe was installed by the Railroad Museum and is in talks with the CVFPB. No permit was issued for them.	38.563720 ° °	-121.515890 ° °	145 Y
DWR ID: DWR_NA0005_01_s_2012_145									
17	2.40	2.40		Encroachments	LS En	M DE : Debris	38.558632 ° -121.514543 °	38.558632 ° -121.514543 °	17 Y
DWR ID: DWR_NA0005_01_s_2013_17									
18	2.45	2.45		Vegetation	LS A/W Ma	V4 : Elderberries are blocking visibility and flood fight capability.	38.557937 ° -121.514237 °	38.557937 ° -121.514237 °	8 Y
DWR ID: DWR_NA0005_01_s_2012_8									
19	2.46	2.76		Vegetation	WSA/W Ob	V8 : Environmental Requirements.	38.557828 ° -121.514193 °	38.553710 ° -121.512863 °	21 Y
DWR ID: DWR_NA0005_01_s_2012_21									
20	2.84	2.89	Supplemental	USACE Erosion Survey	WS Ma	M Inspector Comments: 1997 - Erosion at pump station, concrete debris and plastic showing. 2000 - Separation scour of bank due to poor transition. 2004 - New large tree pop out; city dumped fill dirt/rock into hole. 2006 - Minor new erosion at top of bank. 2010 - Some new rock placed in tree pop-out. 2011 - A large tree has fallen and flood fighting was performed by the city on the upper levee slope. 2012: No observed change. [2012 Site ID: SAC_56-6_L]	38.552268 ° -121.512590 °	38.551578 ° -121.512336 °	12 Y
DWR ID: DWR_NA0005_01_s_2013_12									
21	2.89	2.89		Encroachments	LS En	M DE : Debris	38.551938 ° -121.511952 °	38.551938 ° -121.511952 °	18 Y
DWR ID: DWR_NA0005_01_s_2013_18									
22	2.90	2.90		Encroachments	CRA/W En	BU : Building	38.551810 ° -121.511838 °	38.551810 ° -121.511838 °	10 Y
DWR ID: DWR_NA0005_01_s_2012_10									
23	2.96	2.96		Erosion / Bank Caving	WS Ma	M E1 : Note and monitor erosion site.	38.551052 ° -121.511668 °	38.551052 ° -121.511668 °	19 Y
DWR ID: DWR_NA0005_01_s_2013_19									

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

City of Sacramento

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 City of Sacramento				Left	3.63		John Williamson

LMR No.	Levee Mile		Category	Item	Location *	Rating ** +	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
24	3.22	3.22		Trim / Thin Trees	WS	N	T5 : Tree stumps.	38.547353 °	38.547353 °	16
						Ma		-121.510253 °	-121.510253 °	Y
DWR ID: DWR_NA0005_01_f_2012_16										

*** Location**

LS : Land Side
WS : Water Side
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**** Rating**

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A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 City of Sacramento	Left	3.63		John Williamson

Levee Mile Report Line	4
Start Levee Mile	0.14
End Levee Mile	0.14
Location	Water Side
Category	
Item	Encroachments

View of the I Street recorder can.

johngw_s_20130221_205.jpg



Levee Mile Report Line	5
Start Levee Mile	0.22
End Levee Mile	0.22
Location	Water Side
Category	
Item	Encroachments

Historical Building with foundations and ramps on upstream and downstream sides. Fall 2011

johngw_s_20130221_206.jpg



Levee Mile Report Line	5
Start Levee Mile	0.22
End Levee Mile	0.22
Location	Water Side
Category	
Item	Encroachments

A view of the south side of the building. Fall 2011

johngw_s_20130221_207.jpg



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 City of Sacramento	Left	3.63		John Williamson

Levee Mile Report Line	6
Start Levee Mile	0.37
End Levee Mile	0.73
Location	Crown
Category	
Item	Encroachments

Photo looking downstream from the Delta King in Old Sacramento.

johngw_s_20130221_225.jpg



Levee Mile Report Line	6
Start Levee Mile	0.37
End Levee Mile	0.73
Location	Crown
Category	
Item	Encroachments

The wooden boardwalk in Old Sacramento on top of the flood wall. Fall 2011

johngw_s_20130221_226.jpg



Levee Mile Report Line	6
Start Levee Mile	0.37
End Levee Mile	0.73
Location	Crown
Category	
Item	Encroachments

The buildings are on top of the flood wall and extend out over the river. Fall 2011

johngw_s_20130221_227.jpg



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
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N : Not Inspected/Rated
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A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 City of Sacramento	Left	3.63		John Williamson

Levee Mile Report Line	7
Start Levee Mile	0.78
End Levee Mile	0.78
Location	Crown
Category	
Item	Encroachments

Embassy Suites

johngw_s_20130221_210.jpg



Levee Mile Report Line	8
Start Levee Mile	1.32
End Levee Mile	1.39
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #1

johngw_s_20130221_218.jpg



Levee Mile Report Line	8
Start Levee Mile	1.32
End Levee Mile	1.39
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #2

johngw_s_20130221_219.jpg

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 City of Sacramento	Left	3.63		John Williamson

Levee Mile Report Line	8
Start Levee Mile	1.32
End Levee Mile	1.39
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #3

johngw_s_20130221_220.jpg



Levee Mile Report Line	9
Start Levee Mile	1.35
End Levee Mile	1.35
Location	Crown
Category	
Item	Encroachments

There have been an additional two box cars added to this area. Fall 2011

johngw_s_20130221_209.jpg



Levee Mile Report Line	9
Start Levee Mile	1.35
End Levee Mile	1.35
Location	Crown
Category	
Item	Encroachments

The number of box cars are the same and still in the same location Spring 2013

johngw_s_20130325_822.JPG



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

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U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 City of Sacramento	Left	3.63		John Williamson

Levee Mile Report Line	10
Start Levee Mile	1.41
End Levee Mile	1.41
Location	Water Side
Category	
Item	Encroachments

The screw gate is the positive closure for the pipe. Fall 2011

johngw_s_20130221_211.jpg



Levee Mile Report Line	11
Start Levee Mile	1.41
End Levee Mile	1.41
Location	Land Side
Category	
Item	Erosion / Bank Caving

The area along the toe of the levee has settled and needs to be looked at. Spring 2013

johngw_s_20130325_824.JPG



Levee Mile Report Line	12
Start Levee Mile	1.46
End Levee Mile	1.46
Location	Crown
Category	
Item	Encroachments

The two steam engines and other cars are stored on the levee. There is an agreement being worked on with the Railroad Museum and the City. This is to have the cars moved when necessary. Fall 2011

johngw_s_20130221_216.jpg



* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 City of Sacramento	Left	3.63		John Williamson

Levee Mile Report Line	12
Start Levee Mile	1.46
End Levee Mile	1.46
Location	Crown
Category	
Item	Encroachments

The engines and cars remain on the levee crown.
Spring 2013

johngw_s_20130325_823.JPG



Levee Mile Report Line	13
Start Levee Mile	1.73
End Levee Mile	1.96
Location	Crown
Category	
Item	Encroachments

Miller Park at Broadway, railroad track and parking area on levee.

johngw_s_20130221_212.jpg



Levee Mile Report Line	14
Start Levee Mile	1.75
End Levee Mile	1.75
Location	Crown
Category	
Item	Encroachments

A pipe on the landside shoulder crosses under the railroad tracks. Fall 2011

johngw_s_20130221_231.jpg



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

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A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 City of Sacramento	Left	3.63		John Williamson

Levee Mile Report Line	14
Start Levee Mile	1.75
End Levee Mile	1.75
Location	Crown
Category	
Item	Encroachments

This appears to be a drain pipe under a driveway. It is a different pipe then the other photo for this issue. Fall 2011

johngw_s_20130221_232.jpg



Levee Mile Report Line	15
Start Levee Mile	1.96
End Levee Mile	2.34
Location	Crown
Category	
Item	Encroachments

Railroad tracks are on levee crown. The street is to the boat ramp.

johngw_s_20130221_213.jpg



Levee Mile Report Line	15
Start Levee Mile	1.96
End Levee Mile	2.34
Location	Crown
Category	
Item	Encroachments

The railroad cars remain on the levee crown. Spring 2013

johngw_s_20130325_825.JPG



* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 City of Sacramento	Left	3.63		John Williamson

Levee Mile Report Line	16
Start Levee Mile	2.04
End Levee Mile	2.04
Location	Crown
Category	
Item	Encroachments
The pipe is a french drain under the railroad tracks. Was in the USACE report has not been resolved. Photo fall 2012.	
johngw_s_20130221_233.jpg	



Levee Mile Report Line	17
Start Levee Mile	2.40
End Levee Mile	2.40
Location	Land Side
Category	
Item	Encroachments
Railroad ties have been removed and need to be picked up. Spring 2013	
johngw_s_20130325_826.JPG	



Levee Mile Report Line	19
Start Levee Mile	2.46
End Levee Mile	2.76
Location	Water Side
Category	
Item	Vegetation
This area is a revegetation site, photo taken spring 2012.	
johngw_s_20130221_229.jpg	



* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 City of Sacramento	Left	3.63		John Williamson

Levee Mile Report Line	19
Start Levee Mile	2.46
End Levee Mile	2.76
Location	Water Side
Category	
Item	Vegetation

A photo of the revegetation site taken spring 2012.

johngw_s_20130221_230.jpg



Levee Mile Report Line	20
Start Levee Mile	2.84
End Levee Mile	2.89
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #1

johngw_s_20130221_221.jpg



Levee Mile Report Line	20
Start Levee Mile	2.84
End Levee Mile	2.89
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #2

johngw_s_20130221_222.jpg



* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 City of Sacramento	Left	3.63		John Williamson

Levee Mile Report Line	20
Start Levee Mile	2.84
End Levee Mile	2.89
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #3

johngw_s_20130221_223.jpg



Levee Mile Report Line	21
Start Levee Mile	2.89
End Levee Mile	2.89
Location	Land Side
Category	
Item	Encroachments

More debris of railroad ties on levee crown Spring 2013

johngw_s_20130325_827.JPG



Levee Mile Report Line	22
Start Levee Mile	2.90
End Levee Mile	2.90
Location	Crown
Category	
Item	Encroachments

City of Sacramento pump station on the waterside of the crown of the levee.

johngw_s_20130221_217.jpg



*** Location**

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A/W : Acceptable but Monitor & Maintain

+ Issue Type

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Ob : Design & System Obsolescence
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 City of Sacramento	Left	3.63		John Williamson

Levee Mile Report Line	23
Start Levee Mile	2.96
End Levee Mile	2.96
Location	Water Side
Category	
Item	Erosion / Bank Caving

A hole in the levee slope. Spring 2013

johngw_s_20130325_828.JPG



Levee Mile Report Line	23
Start Levee Mile	2.96
End Levee Mile	2.96
Location	Water Side
Category	
Item	Erosion / Bank Caving

A closer view of the hole in the waterside slope. Spring 2013

johngw_s_20130325_829.JPG



Levee Mile Report Line	24
Start Levee Mile	3.22
End Levee Mile	3.22
Location	Water Side
Category	
Item	Trim / Thin Trees

There are several tree stumps in this area. The district have been monitoring and spraying the stumps. Photo fall 2012.

johngw_s_20130221_228.jpg



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

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A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement